



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
TENNESSEE DIVISION OF AIR POLLUTION CONTROL
ANNUAL INSPECTION

Facility No.: 59-0061
State Category: Title V

Lead Inspector: JWK

Date Inspected: November 13, 2015 and
November 20, 2015

On-Site: ☒ YES ☐ NO
Announced: ☒ Unannounced: ☐
Facility contact was not on-site on NOV-13-2015

Company Name: Calsonic Kansei North America, Inc.
Location address: 201 Garrett Parkway
City/State/Zip: Lewisburg, TN 37091
Mailing Address, if different: n/a

Responsible Official/Title: Roger Murphree / Director of Plastics
Phone: 931-270-2852
E-Mail Address: roger_murphree@ck-mail.com

Facility Contact/Title: Theresa Ervin / Environmental Engineer
Phone: 931-680-6522
E-Mail Address: theresa_ervin@ck-mail.com

Date of the last annual inspection: November 19, 2014
Time period covered by this inspection, from: November 19, 2014 to: November 20, 2015
Is inspection partial or comprehensive? Comprehensive

Total time required for this inspection (hours): 32.0

Was facility in compliance during entire inspection time period? ☒ YES ☐ NO
If NO, enter data below and explain violation(s) after table.

Violation(s) Description	NOV Date	Issued By (EFO, CV, Permitting)	EAR #
n/a	n/a	n/a	n/a

Comments: n/a

Current Division Overall Compliance Status: ☒ IN ☐ OUT

Provide explanation for choice.

Comments: n/a

Description of Facility Operations:

This facility consists of: surface coating of plastic automotive components (pt. 01), surface coating of plastic automotive instrument panels with thermal oxidizer control (pt. 03), and a wave soldering operation (pt. 23).

Review Status of Required Reports:

Include all reports due/reviewed since last AI report

Report Type (SAR, ACC, MACT, CM)	Timeframe Report Covers	Due Date	Received	Received in EFO	Postmarked Date	Reviewed Date	Report Adequate (Y/N) if N, explain below	SL Report Tracking Number
SAR	10-01-2014 through 03-31-2015	05-30-2015	05-12-2015	05-22-2015	05-12-2015	05-27-2015	Yes	19061
SAR	04-01-2015 through 09-30-2015	11-29-2015	11-13-2015	11-13-2015	11-13-2015	11-18-2015	Yes	20185
ACC	10-01-2014 through 09-30-2015	11-29-2015	11-13-2015	11-13-2015	11-13-2015	11-18-2015	Yes	19062
MACT	04-01-2014 through 09-30-2014	11-29-2014	11-25-2014	n/a	Unknown	12-05-2014	Yes	18032
MACT	10-01-2014 through 03-31-2015	05-30-2015	05-12-2015	n/a	Unknown	06-02-2015	Yes	19147
MACT	04-01-2015 through 09-30-2015	11-29-2015	11-13-2015	n/a	11-13-2015	11-30-2015	Yes	20184

Comments: n/a

Visible Emissions Status/Evaluations:

All emission points observed and no visible emissions seen: X YES NO

Source Number & Stack ID	Date of VEE	Limit/Method	Compliance Status (IN/OUT)
n/a	n/a	n/a	n/a

Comments about visible emissions observed if no VEE conducted: n/a

1) Permit Status:

For each permit used for this inspection, repeat items 1-5 to include details for each permit.

Permit Number	Source Number(s)	Issue/Amendment/Modification Date	Expiration Date	Next Application Due Date	Next Application Received Date
563336	01, 03, 23	Issued: 03-05-2013 Amendment: 05-02-2014	03-04-2018	06-07-2017 through 09-05-2017	n/a

Comments: Administrative Amendment #1 was issued to change the responsible official.

2) Mass Emission Limits:

Source Number	Permit Condition	Condition Limit	Maximum During Review Period
01	E5-1	PM: 0.02 gr./dscf. (26.06 lbs./hr. and 114.14 tons/yr.)	0.3 ton /yr. (All periods during inspection period)
01	E5-2	VOC: 200 tons/12 cons. months	27.8 tons (12 months ending Nov. 2014)
03	E6-1	PM: 2.2 tons/12 cons. months	0.0 ton /12 cons. months (All periods during inspection period)
03	E6-2	VOC: 5.0 tons/12 cons. months	0.0 ton /12 cons. months (All periods during inspection period)
23	E7-1	VOC: 16.26 tons/12 cons. months	1.11 tons (12 months ending Nov. 2014)
23	E7-2	Pb: 12.75 lbs./month (0.0765 ton/12 cons. months)	1.5 lbs. (Feb. 2015, Apr. – May 2015) 0.01 ton /12 cons. months (12 months ending Nov. 2014)

Comments: n/a

3) Process Parameters (feed rates, input limits, work practice standards, etc.):

Source Number	Permit Condition	Condition Limit	Maximum During Review Period
23	E7-2	Solder usage < 8.5 tons/month	1.0 ton (Feb. 2015, Apr. – May 2015)

Comments: n/a

4) Control Equipment Operating Parameters (flow rates, pressure drop, temperature, etc.):

Source Number	Permit Condition	Condition Limit	Value During On-Site Inspection	Compliance Maintained (Yes/No)
01	E5-1	No surface coating shall occur in any spray booth without using the filter control devices.	Filter control devices in operation.	Yes
03	E6-2	No operation without use of thermal oxidizer control equipment	Source not in operation	n/a
03	E6-2	Minimum combustion chamber temperature of 1400°F averaged over a three-hour period	Source not in operation	n/a
03	E6-2	Average facial air velocity shall be at least 200 ft./min. into the enclosure. Other access doors and windows shall be closed during routine process operation.	Source not in operation	n/a

Comments: Source 03 and the associated thermal oxidizer have not been in operation during this inspection period.

5) On-Site Review of Facility Records and Operating Logs:

Source Number	Permit Condition	Type of Record/Log	Review Time Frame	Compliance (Yes/No)
Facility wide	E3-1	Purchase orders/invoices for all VOC and HAP containing materials as well as MSDS	Nov. 2014 – Sep. 2015	Yes
Facility wide	E3-3	VOC and HAP emissions	Nov. 2014 – Sep. 2015	Yes
Facility wide	E3-6	Monthly maintenance records for each air pollution control device	Nov. 2014 – Sep. 2015	Yes
01	E5-1	Monthly log of total paint usage Filter removal logs PM emissions records	Nov. 2014 – Sep. 2015	Yes
03	E6-1	Monthly log of total paint usage Filter removal logs PM emissions records	Nov. 2014 – Sep. 2015	Source not in operation during review period
03	E6-2	Thermal oxidizer temperature records NDO air velocity records	Nov. 2014 – Sep. 2015	Source not in operation during review period
23	E7-3	Solder usage records Lead emissions records	Nov. 2014 – Sep. 2015	Yes

Comments: Source 03 and the associated thermal oxidizer have not been in operation during this inspection period.

Additional Information:

A copy of the Department's *Mercury-Added Product Disposal Requirements* was given to the facility for review: X YES NO

Was any complaint received? YES X NO

If YES, provide comments: n/a

Has open burning occurred at this facility? YES X NO

If YES, provide comments: n/a

Was any performance testing required? YES X NO

(initial stack, VEE, BH pressure drop, etc.)

If YES, provide comments: n/a

Was any performance testing performed? YES X NO

(initial stack, VEE, BH pressure drop, etc.)

If YES, provide comments: n/a

Was there any air-related construction/modification? YES X NO

If YES, provide comments: n/a

Is any air-related construction/modification planned? YES X NO

If YES, provide comments: n/a

Are there any unpermitted and/or exempt sources (e.g., generators, stationary engines, boilers) that need further attention? _____ YES X NO

If YES, provide comments: n/a

John Kowal
Lead Inspector's Name

12/10/15
Date

VEE Certification Number: 2403
Certification Expiration Date: March 24, 2016

I verify that the format and content of this report conforms to established TN Division of Air Pollution Control annual inspection standard operational procedures guidance and that the compliance determination made in this report is correct.

Jeff Cates
Supervisor/Manager

December 10, 2015
Date